

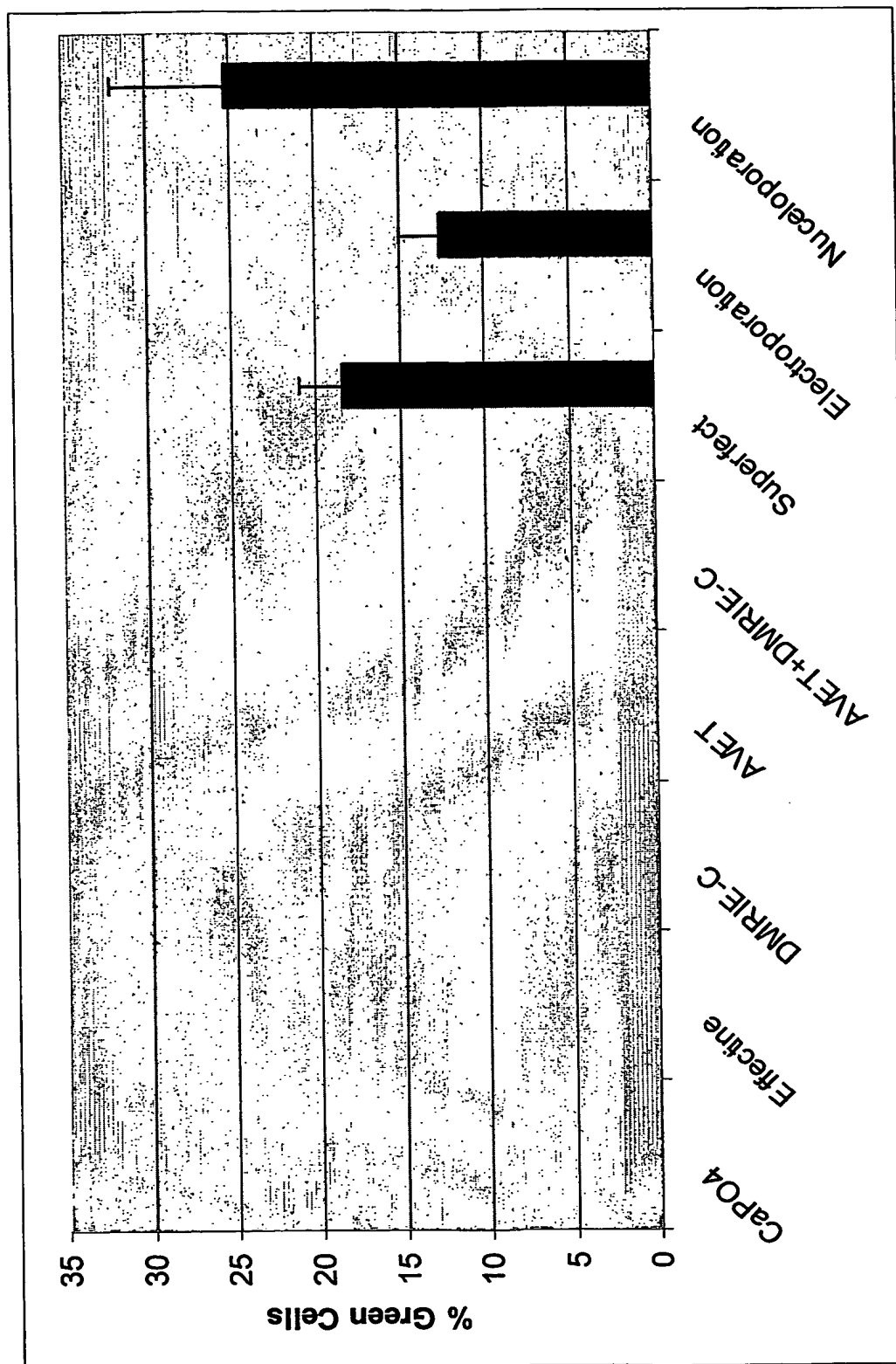
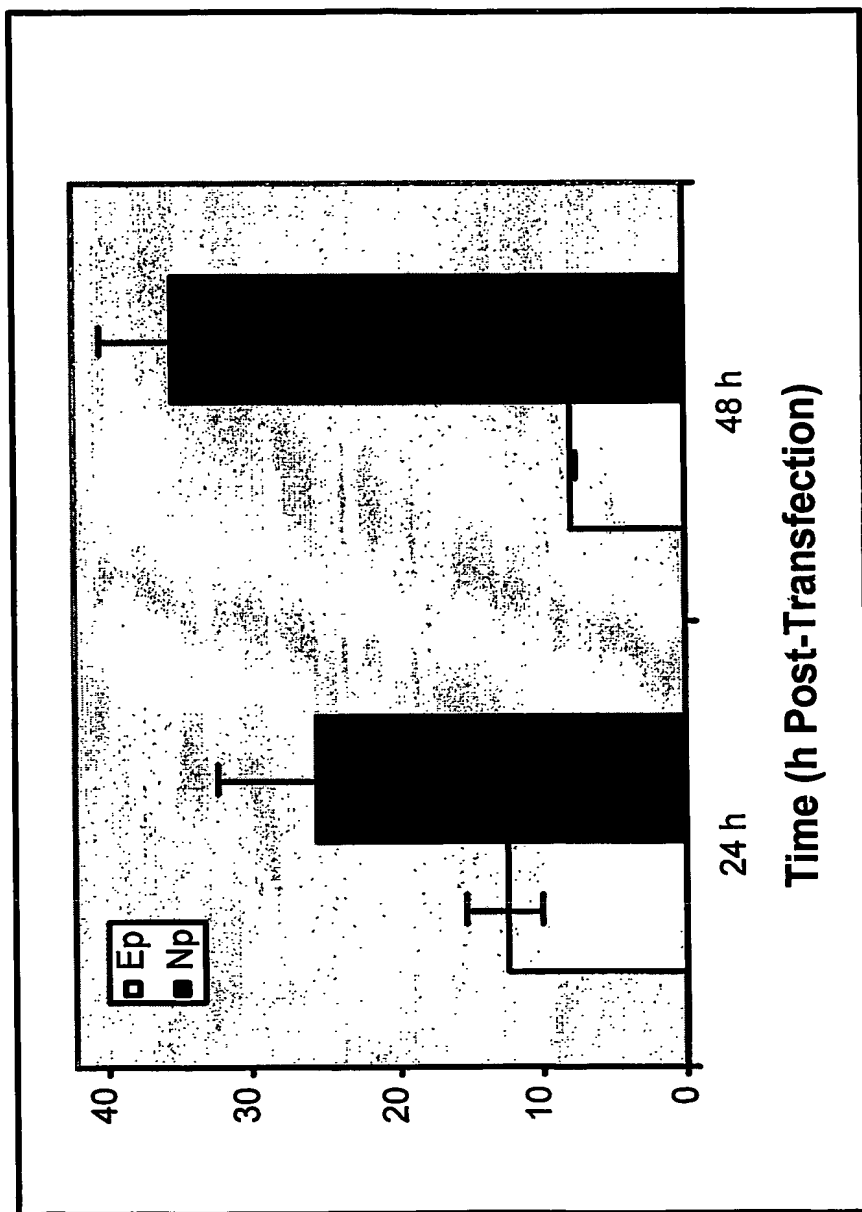
Figure 1

Figure 2



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Figure 3

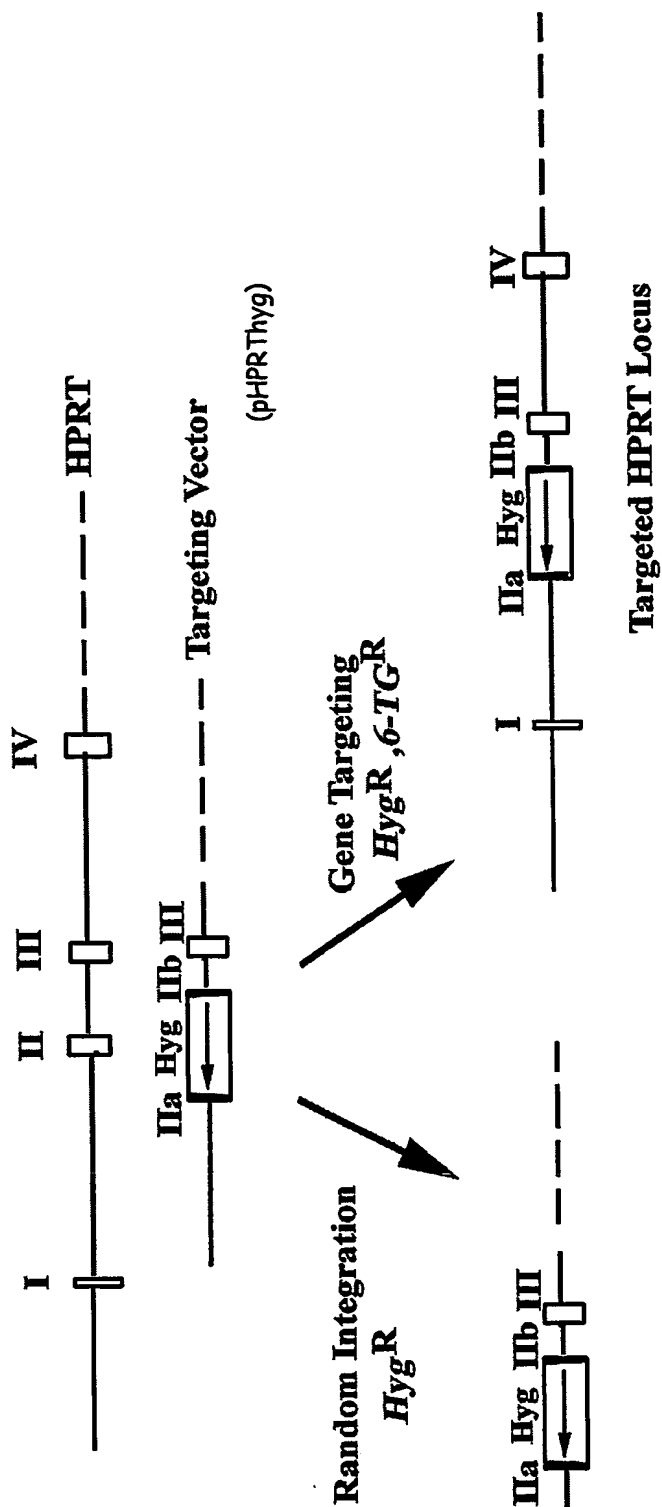


Figure 3

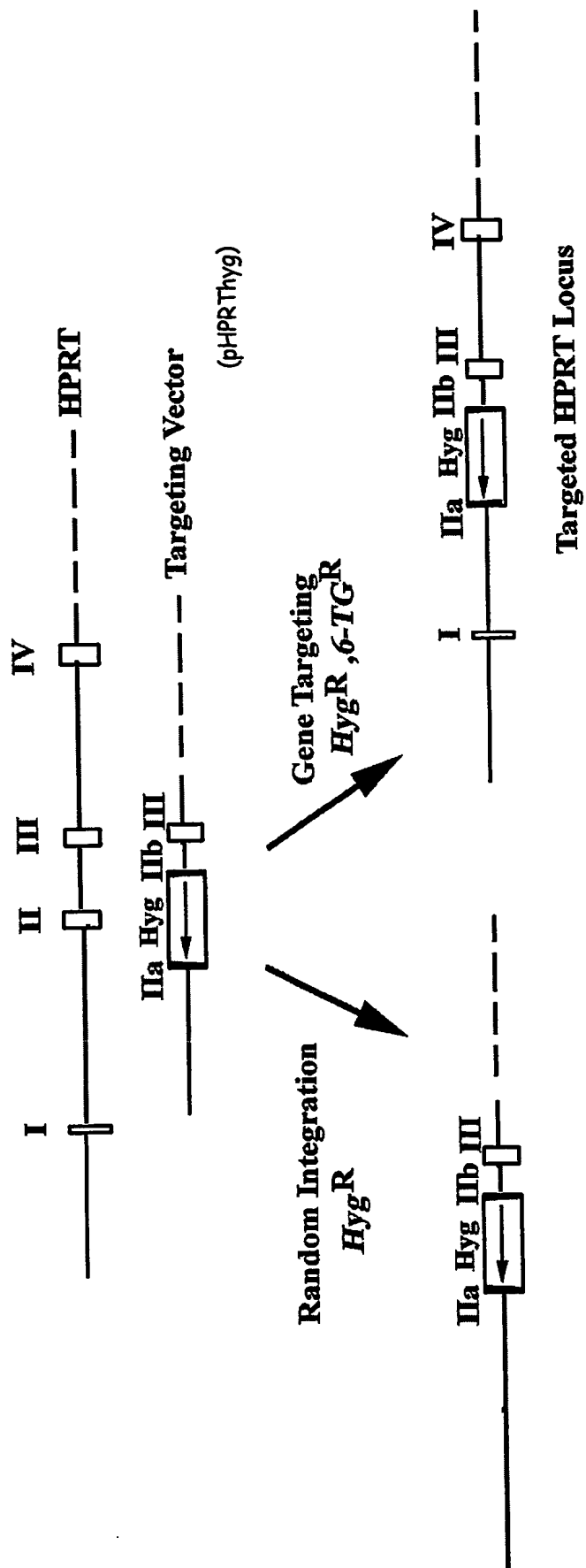


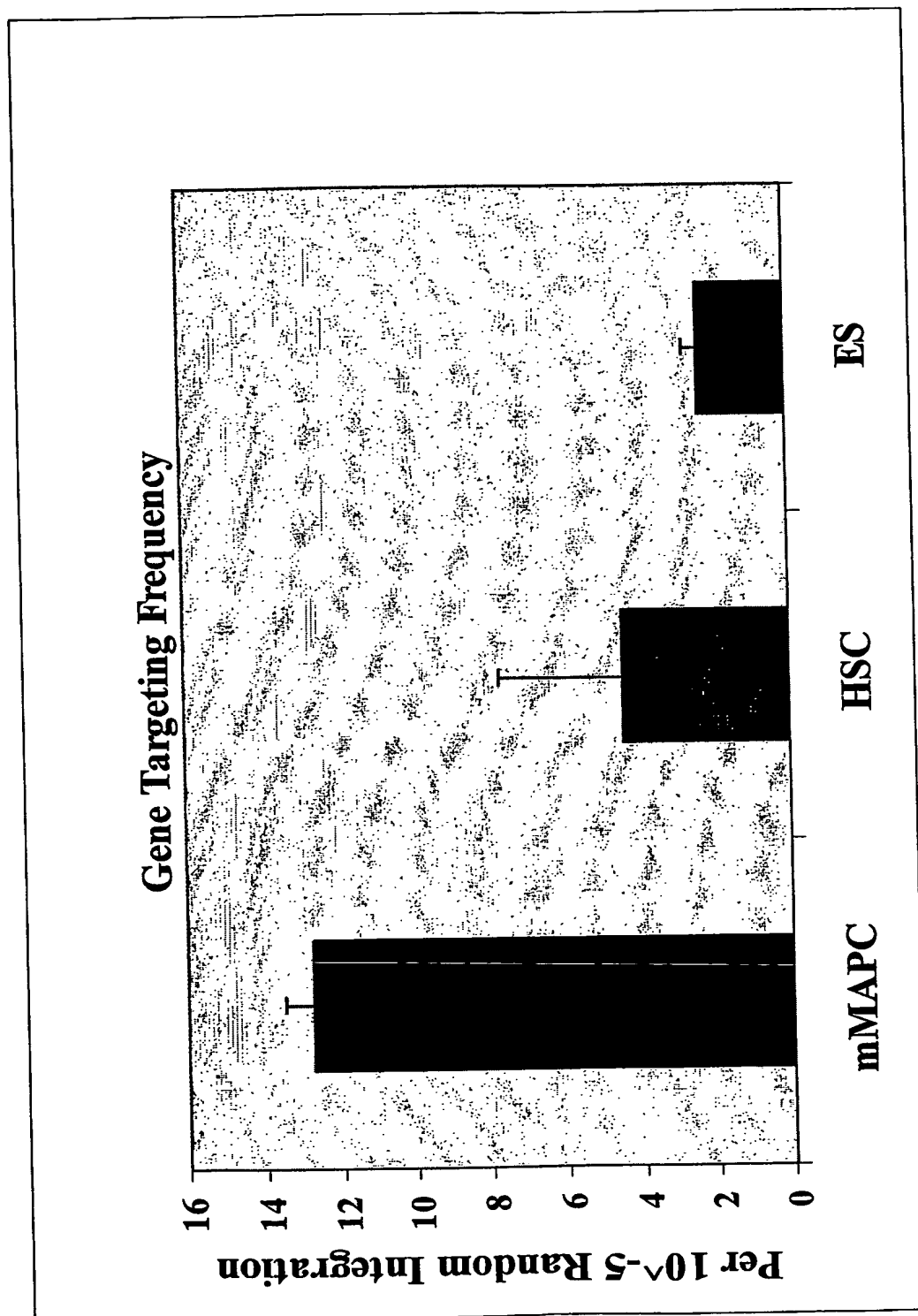
Figure 4

Figure 5

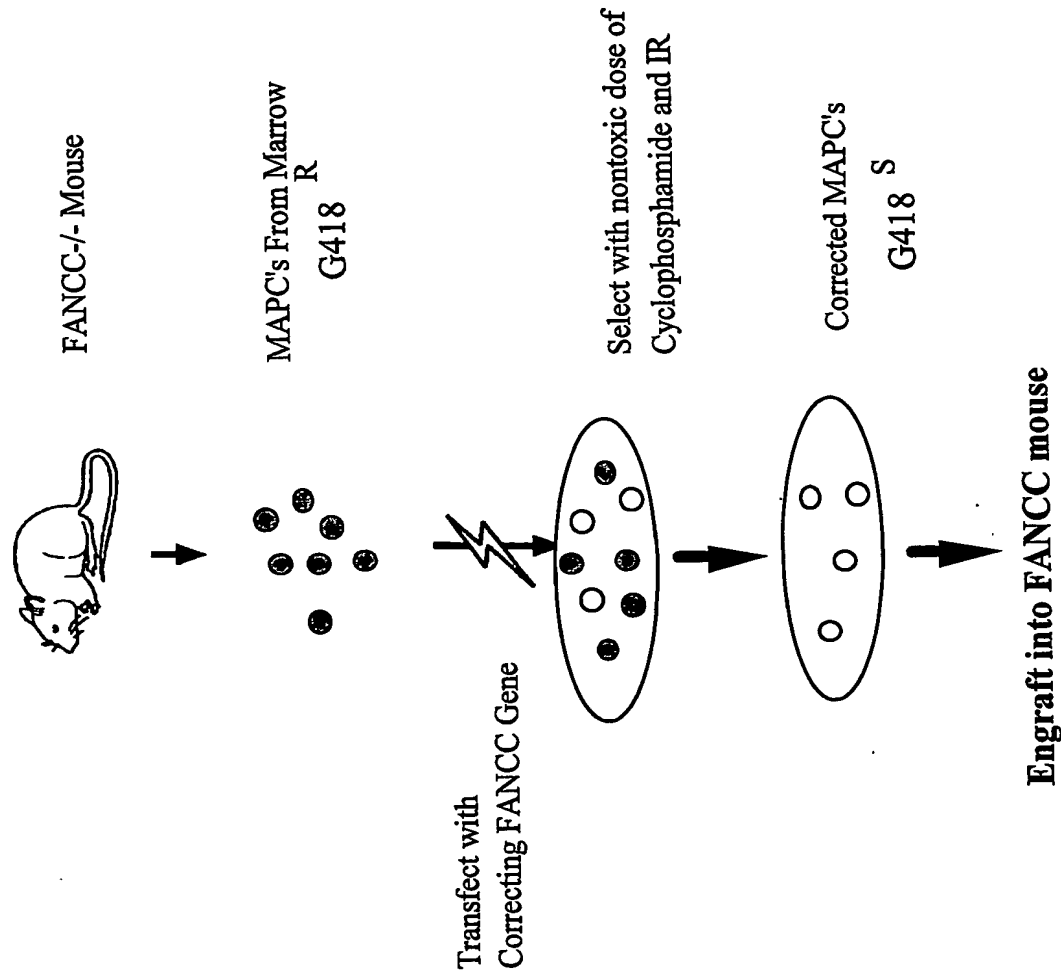
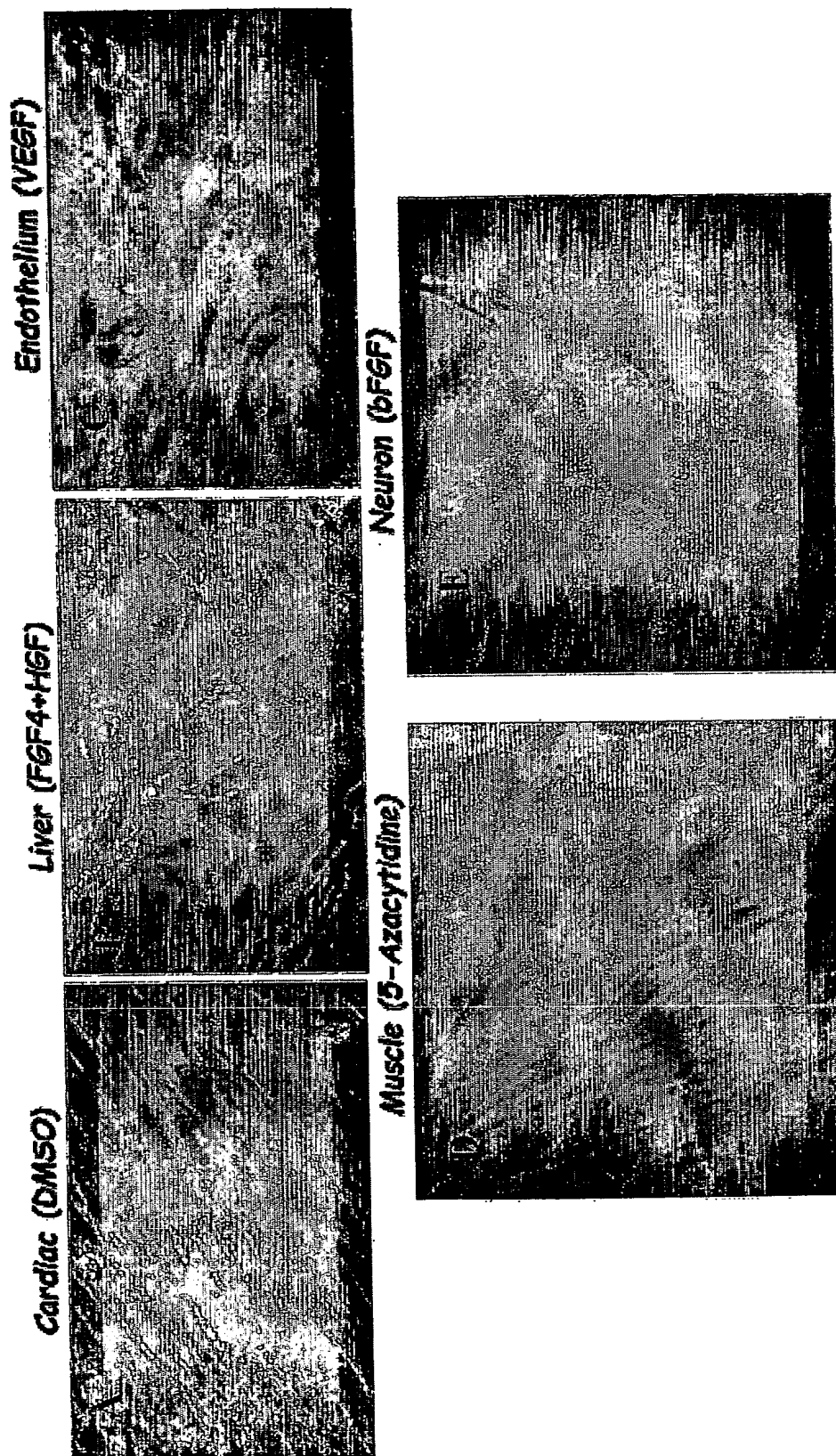


Figure 6



Differentiation-Day 11

Figure 7

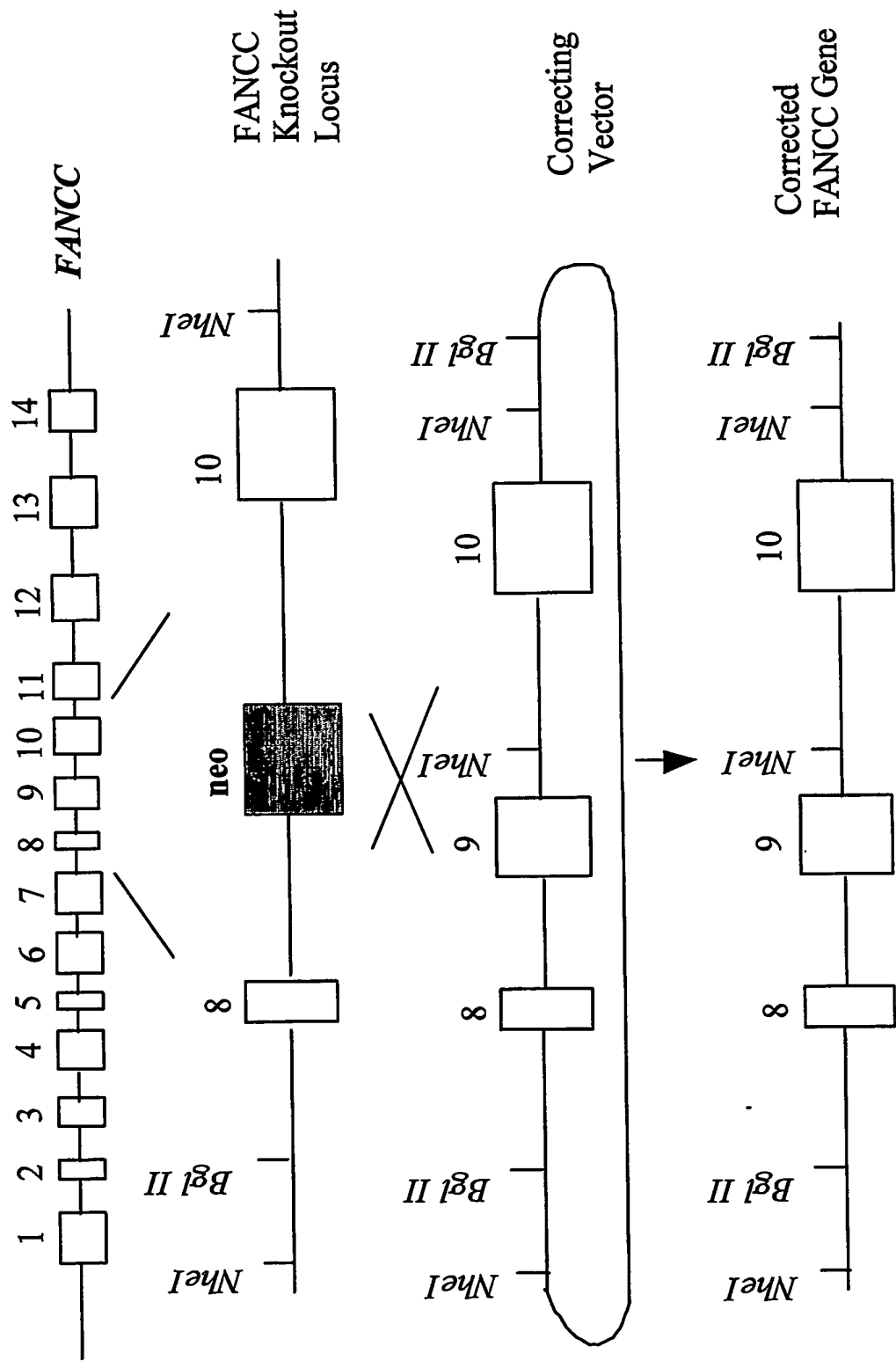


Figure 8

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GAAGCTTTCTGTATGGGATCAGGCTTCCACTTTGGAAACCCAGCAAGACA 100
CCTGTCTTCAAGTGGCTCAGTTCAGGAGTTCCTAAGGAAGATGATGAA 150>
GCCTTGAAAGAGATGGATTCTAATAACAGTCATTGAAAGATTCCCCACAAT 200>
TGGTCAACTGTTGGCAAAAGCTTGTGGAATCCTTTATTTTAGCATATG 250>
ATGAAAGCCAAAAAATCTAATATGGTGTCTATGTTGTCTAATTAACAAA 300>
GAACCACAGAAATCTGGACAATCAAAACTTAACCTCTGGATACAGGGTGT 350>
ATTATCTCATATACTTTCAAGCACTCAGATTTGATAAAGAGTTGCTCTTT 400>
TCACCTCAAGGCTTTGGGTATGCACCTATAGATTACTATCCTGGTTTGCTT 450>
AAAAATATGGTTTATCATTAGCGTCTGAACCTCAGAGAGATCACTTAA 500>
TGGATTAAACACTCAAGGCGAATGGCTCCGAGCGAGTGGCGTCCCTGT 550>
CACGAGTTTGTGTCCCACTTATTACCTTGACGATGTTGACCCCTGGTG 600>
GAGGCTCTCCTCATCTGTATGGACGTGAACCTCAGGAAATCCTCCAGCC 650>
AGAGTTCTTTGAGGCTGTAAACGAGGCCATTTTGTGAAGAAGATTCTC 700>
TCCCCATGTCAAGTGTAGTCTGCTCTGGCTTCGGACCTTCCCAGCCCTT 750>
GAAAAGCAATGCTGCATCTTTTGAAGAAAGTAATCTCCAGTGAGAGAAA 800>
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GTGCTGCTGCAAGACCTCAAGATATCCCTCGGGGACACTGGCTCCAGAC 1150>
ACTGAAGCATATTTCTGAACCTGCTCAGAGAAAGCAGTTGAAGACCAGACTC 1200>
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GGAGGATGGGCTGAGATGGTGGCAGAGCAATTAATGATGTGGGAGCCGA 1300>
ACCCCCACGGCCCTGTGTGGCTCTTGGCTTCTACTACGGCCCCCGTG 1350>
ATGGGAGGCAGAGAGCACAGACTATGGTCCAGGTGAAGCCGTGTGGGC 1400>
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AGCTGATCAGGCACCTTCTCCTCAACTTCTGTCTGTGGCTCTGGAGGC 1550>
CACACGATCGCTGGGATGTATCACCCTGATGGCTCACACTGTGTAGAT 1600>
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GTCTTGGCATTTGAAAGCCCTAGATCAGAAAAAATGGCCCCGAGAGCTCCTT 1700>
AAAGAGCTCGGAACCTCAAGTCTAG 1724

Figure 9

MAQDSVDLSCDYQFWMQKLSVWDQASTLETQQDTCLHVAQFQEFRLRMYE 50
ALKEMDSNTVIERFPTTIGQLLAKACWNPFILAYDESQKILIWCLCCLINK 100
EPQNSGQSKLNSWIQGVLSHILSALRFDKEVALFTQGLGYAPIDYYPGLL 150
KNMVLASSELRENHLNGFNTQRRMAPERVASLSRVCVPLITLTDVDPLV 200
EALLICHGREPQEILQPEFFEAVNEAILLKKISLPMSAVVCLWLRHLPSL 250
EKAMLHLFEKLISSEARNCLRRIECFIKDSSLPQAACHPAIFRVVDEMFC 300
ALLETGDALEIIATIQVFTQCFVEALEKASKQLRFALKTYFPYTSPSLAM 350
VLLQDPQDI PRGHWLQTLKHISELLREAVEDQTHGSCGPPFESWFLFIHF 400
GGWAEMVAEQLLMSAAEPPTALLWLLAFYGYGPRDGRQRAQTMVQKAVLG 450
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KELRTQV. 558